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PATENT

#3

Case Docket No. GENENT.074A  
Date: April 3, 2002

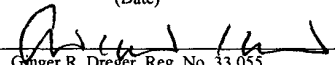


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Chuntharapai et al. )  
Appl. No. : 10/044,896 )  
Filed : January 9, 2002 )  
For : ANTI-INTERFERON- $\alpha$  )  
ANTIBODIES )  
Examiner : Unknown )  
Group Art Unit : Unknown )

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: United States Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202, on

April 3, 2002  
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Ginger R. Dreger, Reg. No. 33,055

TRANSMITTAL LETTER

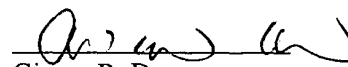
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ATTENTION: APPLICATION BRANCH

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with 99 references which are enclosed.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

  
Ginger R. Dreger  
Registration No. 33,055  
Attorney of Record

GENENT.074A



PATENT

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INFORMATION DISCLOSURE STATEMENT

United States Patent and Trademark Office  
P.O. Box 2327  
Arlington, VA 22202


Dear Sir:

Enclosed is form PTO-1449 listing 99 references that are also enclosed. This Information Disclosure Statement is being filed within three months of the filing date of this application or upon filing if this is a CPA or RCE, and no fee is required in accordance with 37 C.F.R. § 1.97(b)(1), (b)(2), or (b)(4).

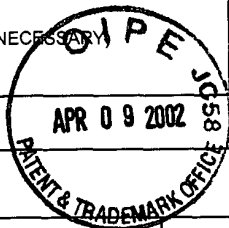
Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: April 3, 2002

By:   
Ginger R. Dreger  
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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. GENENT.074A	APPLICATION NO. 10/044,896
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Chuntarapai et al.	
		FILING DATE January 9, 2002	GROUP Unknown



U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIAT
	1.	4,902,618	2/20/1990	Berg	435	172.2	

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	2.	EP 0139 676 B1	08.16.84	EP				
	3.	GB 1 160 544 A	12.24.85	UK				
	4.	GB 2 195 342 A	4.7.88	UK				
	5.	WO 84/03105	8.16/84	PCT				
	6.	WO 97/41229	11.6.98	PCT				
	7.	WO 99/64461	12.16.99	PCT				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
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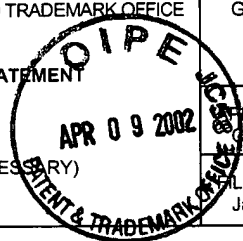
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(USE SEVERAL SHEETS IF NECESSARY)		FILED DATE January 9, 2002	GROUP Unknown

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<p>*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.</p>	

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		FILING DATE January 9, 2002	GROUP Unknoww



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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	LITTLE M ET AL: "Of mice and men: hybridoma and recombinant antibodies" IMMUNOLOGY TODAY, ELSEVIER PUBLICATIONS, CAMBRIDGE, GB, vol. 21, no. 8, 1 August 2000 (2000-08-01), pages 364-370, XP004215163 ISSN: 0167-5699 the whole document -----	1-54
A	ANONYMOUS: "Human interferon alpha subtypes" DIAGNOSTIC RESEARCH INC., 'Online! February 1999 (1999-02), XP002222363 Retrieved from the Internet: <URL:http://www.researchd.com/cytokines/if nasubt.htm> 'retrieved on 2002-11-25! the whole document -----	1-54

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC 7 C12N15/13 C07K16/24 C12N5/20 A61K39/395 G01N33/577  
 G01N33/68 A61P37/06

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

BIOSIS, MEDLINE, EPO-Internal, CHEM ABS Data, EMBASE, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 885 166 A (GRUETTER MARKUS G ET AL) 5 December 1989 (1989-12-05) column 16, line 48-column 17, line 6; column 18, lines 12-23; column 19, lines 10-3; examples	1-54
X	US 4 902 618 A (BERG KURT F) 20 February 1990 (1990-02-20) column 3, line 64-column 4, line 49; examples	1-54



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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26 November 2002

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Authorized officer

Renggli, J



C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>DATABASE BIOSIS 'Online!  BIOSCIENCES INFORMATION SERVICE,  PHILADELPHIA, PA, US; March 1999 (1999-03)  SEIFARTH C ET AL: "Augmented immune  response to islet cell antigens and  development of diabetes mellitus under  treatment with interferon-alpha in chronic  hepatitis C."  Database accession no. PREV199900278161  XP002222364  abstract  &amp; ZEITSCHRIFT FUER GASTROENTEROLOGIE,  vol. 37, no. 3, March 1999 (1999-03),  pages 235-239,  ISSN: 0044-2771</p> <p>---</p>	1-54
Y	<p>DATABASE BIOSIS 'Online!  BIOSCIENCES INFORMATION SERVICE,  PHILADELPHIA, PA, US; 1996  OKANOUE TAKESHI ET AL: "Side effects of  high-dose interferon therapy for chronic  hepatitis C."  Database accession no. PREV199699251234  XP002222368  abstract  &amp; JOURNAL OF HEPATOLOGY,  vol. 25, no. 3, 1996, pages 283-291,  ISSN: 0168-8278</p> <p>---</p>	1-54
Y	<p>DATABASE MEDLINE 'Online!  February 1998 (1998-02)  JONES T H ET AL: "Endocrine-mediated  mechanisms of fatigue during treatment  with interferon-alpha."  Database accession no. NLM9482541  XP002222365  abstract  &amp; SEMINARS IN ONCOLOGY. UNITED STATES FEB  1998,  vol. 25, no. 1 Suppl 1,  February 1998 (1998-02), pages 54-63,  ISSN: 0093-7754</p> <p>---</p>	1-54
Y	<p>US 6 180 370 B1 (QUEEN CARY L ET AL)  30 January 2001 (2001-01-30)  the whole document</p> <p>---</p>	1-54
Y	<p>WO 96 34096 A (CELL GENESYS INC)  31 October 1996 (1996-10-31)  the whole document</p> <p>---</p>	1-54
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